

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-13. (*canceled*)

14. (*original*) A method of forming a heat exchanger manifold, comprising the steps of:

(a) extruding tubing in a one-piece, seamless, jointless shape having a substantially flat part and a concavely curved part so as to have a substantially D-shaped cross section and having at least two external ribs extending longitudinally on the exterior of the substantially flat part; and

(b) following said step (a), cutting the tubing to manifold length to form a manifold having a header and a tank.

15. (*original*) The method of claim 14, further comprising the step of:

(c) following said step (b), forming tube slots in the header and chamfering the adjoining edges of the external ribs.

16. (*original*) The method of claim 14, further comprising the steps of:

(c) forming cuts through the header for the placement of end caps; and

(d) following said step (c), inserting end caps through the cuts in the header formed for the placement thereof.

17. (*original*) The method of claim 16, further comprising the step of:
 - (e) following said step (c), applying a cladding material to the exterior of the manifold.

18. (*original*) The method of claim 16, further comprising the step of:
 - (e) following said step (d), applying a cladding material to the exterior of the manifold.

19. (*original*) The method of claim 16, further comprising the step of:
 - (e) following said step (f), driving the end caps into place.

20. (*original*) The method of claim 14, further comprising the steps of:
 - (c) forming cuts through the header for the placement of end caps and at least one baffle; and
 - (d) following said step (c), inserting end caps and at least one baffle through the cuts in the header formed for the placement thereof.

21. (*original*) The method of claim 20, further comprising the step of:
 - (e) following said step (d), driving the end caps and the at least one baffle into place.

22. (*original*) The method of claim 14, wherein said step (b) is carried out by machining.

23. (*original*) A method of forming a heat exchanger, comprising the steps of:

- (a) extruding tubing in a shape having a substantially D-shaped cross-section with a substantially flat part and a substantially semi-circular part and with at least two external ribs extending longitudinally on the exterior of the substantially flat part;
- (b) following said step (a), cutting the tubing to manifold length to form a pair of manifolds each having a header and a tank;
- (c) following said step (b), forming tube slots in the headers and chamfering the adjoining edges of the external ribs;
- (d) forming cuts through the headers for the placement of end caps;
- (e) following said step (d), inserting end caps through the cuts in the headers formed for the placement thereof; and
- (f) following said step (e), assembling heat exchanger tubes and fins to the manifolds.

24. (*original*) The method of claim 23, further comprising the step of:

(g) following said step (d) and prior to said step (e), applying a cladding material to the exteriors of the manifolds; and

(h) following said step (g), brazing the assembled manifolds, heat exchanger tubes, and fins to form a heat exchanger.